



# भारत का राजपत्र

## The Gazette of India

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No. 26]

NEW DELHI, SATURDAY, JULY 1, 1967 (ASADHA 10, 1889)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

### भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 1st July 1967

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

12th June 1967

- 111038. A. D. Cruz. An improved self closing (water) tap and the like.
- 111039. Atlas Copco Aktiebolag. Improvements in screw compressor units.
- 111040. Atlas Copco Aktiebolag. Improvements in screw rotor machines.
- 111041. Atlas Copco Aktiebolag. Improvements in motor compressor units.
- 111042. Atlas Copco Aktiebolag. Improvements in fuel supply apparatus.
- 111043. Zuccolo-Rochet & Co. Clasp for wrist band and the like.
- 111044. V. D. Roosa. Nozzle Drilling Machine.
- 111045. Texaco Development Corporation. Catalytic Dewaxing.
- 111046. The Standard Oil Company. Sensing valve.
- 111047. Stone & Webster Engineering Corporation. Hydrocarbon process.
- 111048. Stone & Webster Engineering Corporation. Heating apparatus and process.
- 111049. Stone & Webster Engineering Corporation. Cooling apparatus and process.
- 111050. Merck & Co., Inc. Substituted fluoroacetic acids.
- 111051. Egvesult Gvogysszer-Es Tapszergyar. Formamidone derivatives.

117GI/67

- 111052. P. Brown and P. H. James. Apparatus for producing patterned tufted material. (22nd June 1966).
- 111053. L. E. Landeborg, S. T. Henriksson and R. L. Muotka. A low-built railway carriage.
- 111054. T. B. Wayne. Milling of cereal grains and processing of products derived therefrom.
- 111055. The British Petroleum Company Limited. Improvements relating to the regeneration of zeolite catalysts. (27th June 1966).
- 111056. Dr. R. Kurner. Composition for the impregnation of porous material for construction and the like.
- 111057. Ciba Limited. Process for the manufacture of 3-formylrifamycin *sv*.
- 111058. Solar Thomson Engineering Company Limited. Improvements in and relating to pulleys. (3rd November 1966).
- 111059. North Western Gas Board. Hydrocarbon steam reforming process. (16th June 1966). [Addition to No. 98594].
- 111060. North Western Gas Board. Hydrocarbon steam reforming catalyst. (16th June 1966). [Addition to No. 98594].
- 111061. D. Y. Ambale. Improvements in or relating to crank shaft.
- 111062. I. M. A. Haleel. Full patch machine.
- 111063. S. Balaram. Stepped helical antennas.
- 111064. Sadhusingh & Sons. Improvements in or relating to a chaffcutting machine.
- 111065. N. R. S. Murthy. A switching off (blackout) or dimming equipment for street lights.

13th June 1967

- 111066. J. E. Ostberg. Method of stirring, dispersing or homogenising metal or slag charges, having a temperature of at least 800°C, and mechanical device for such stirring.

111067. Harley Street Nominees Limited. Antiseptic and antiputretic lotion and process for producing the same.
111068. Shree Ashoke Kumar Sarkar. A new type of indoor game.
111069. R. Balasubramanian. Built in key lock.
111070. Tractel Tirfor India Private Limited. Ratchet hoist type lifting and pulling machine.
111071. Eaton Yale & Towne Inc. Twin countershaft construction with all main gears mounted concentrically on main shaft.
111072. Westinghouse Electric Corporation. Fluid-blast circuit interrupters with piston-driving means and cooperable floating piston with accelerating coil.
111073. Westinghouse Electric Corporation. Improved nozzle and contact construction for fluid-blast circuit interrupters.
111074. Westinghouse Electric Corporation. Distillate cooling means for flash evaporators.
111075. M. F. Alapatt. A speed reducer using roller chain sprocket and rollers.
111076. Mikrowa Ltd. Precision balance.
111077. Mikrowa Ltd. Precision balance.
111078. Veb Chemiefaserwerk Schwarza Wilhelm Pieck. Process and plant for continuous polymerization of lactames. [Divisional date 1st December 1965].
111079. Veb Chemiefaserwerk Schwarza "Wilhelm Pieck". Process for the production of multi-component effect threads and fibres.
111080. Siemens Aktiengesellschaft. Arrangements for load changing in tap changing transformers.
111081. E. Merck Aktiengesellschaft. 3-(piperazinoalkyl)-pyrazoles and their preparation.
111082. American Cyanamid Company. 7-substituted tetracyclides.
111083. Kureha Kagaku Kogyo Kabushiki Kaisha. Novel fungicidal chloronitrophenyl esters and the manufacture and use thereof.
111084. Betteiligungs- und Patentverwaltungsgesellschaft Mit Beschränkter Haftung. Dismountable supporting structure for bridges, motor traffic roads, etc.
111085. Combustion Engineering, Inc. An electromechanical control system for an automated vapor generator furnace.
111086. V. R. Bhida. Forming screw threads at the neck of the shell of a vacuum flask.
111087. Mitsui petrochemical Industries, Lt. Process for the preparation of aromatic carboxylic acids.
111088. Sandoz Ltd. Improvements in or relating to dyeing, padding and printing polyamide fibres. [Addition to No. 101880]. [Divisional date 6th October 1965].
111089. Fairbairn Lawson Limited. Improvements in mountings for weaving loom picking arms. (14th June 1966).
111090. The Imperial Tobacco Company (of Great Britain and Ireland), Limited. Improvements in tobacco smoke filters. (22nd June 1966).
111091. Ciba Limited. Preparations of water-insoluble dye-stuffs and processes for their manufacture and use.
111092. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing dispenser cathodes of the kind comprising a porous sintered tungsten body impregnated with aluminates.
111093. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to glow-discharge tubes of the kind containing a quantity of radio-active material.
111094. Palson Corporation AB. Improvements in or relating to methods and apparatus for manufacturing corrugated board.
111095. Gestotner Limited. New planographic printing plate and process for making the same. (14th June 1966).
111096. S. p. A. Cambi Idraulici Badalini. A hydraulic change speed gear.
111097. Shell Internationale Research Maatschappij N. V. An insecticidal composition.
111098. Progil. Process for preparing carbon disulphide.
111099. Aktiebolaget Astra. Method and compositions for the protection of people and animals for biting and blood sucking insects. (15th June 1966).

14th June 1967

111100. A. R. Balsara. Improvements in or relating to containers for dispensing powders, liquids or the like.
111101. Fertilizer Corporation of India Limited. A process for preparation of a fluorescent dye for hydrocarbon type analysis.
111102. Tractel Tirfor India Private Limited. A device for automatic release of rope actuated by release of tension of the rope.
111103. Unilever Limited. Snack food product.
111104. Philips Petroleum Company. Method and apparatus for production of carbon black.
111105. The Goodyear Tire & Rubber Company. Improvements in copolyester resin.
111106. The English Electric Company Limited. Improvements in electro-magnetic relays. (23rd June 1966).
111107. British Visqueen Limited. Plastics, films heat sealing method and device. (6th July 1966).
111108. Halcon International, Inc. Chemical process.
111109. Ala El Dine Abdellatif. Process for treating rice husk and the material obtained by said process.
111110. I. Chaliha. Barbed wire.
111111. R. G. Murmuria. Shoe shine kit container.
111112. R. G. Murmuria. Tubular shield of plastic material.
111113. R. G. Murmuria. Bag or pouch of plastic material.

15th June 1967

111114. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the production of  $\epsilon$ -caprolactam and  $\omega$ -decalactam.
111115. Vsesojuzny nauchno-issledovatel'sky i proektno-konstruktorsky institut podemno-transportnogo mashinostroenia, and Vsesojuzny nauchno-issledovatel'sky i proektno-konstruktorsky institut metallurgicheskogo mashinostroenia. Full revolving bridge crane.
111116. K. A. Konstantinov. Machine for making tubular rivets of a band.
111117. Gosudarstvenny nauchno-issledovatel'sky institut khimii i tekhnologii elemento-organicheskikh soedineniy. Method of obtaining alkylchlorosilanes.
111118. Merck & Co., Inc. Quinolates and methods of preparing.
111119. Gestotner Limited. Improvements in or relating to sheet handling apparatus. (15th June 1966).
111120. Babcock & Wilcox Limited. Improvements in fluent fuel firing means. (17th June 1966).
111121. M. & T. Chemicals Inc. Novel product.
111122. Miles Laboratories Inc. Immunological indicator and test system. (28th June 1966).

16th June 1967

111123. Bansen Equipments. Cleaning device for carpets and like tufted materials. [Divisional date 14th December 1966].
111124. S. P. Natu. Dama-mukti or asthma cure.
111125. S. P. Natu. Gas pitta-nashak.
111126. Mrs. Nargis Sami Engineer. Improvements in or relating to a device for drawing curves and graphs.
111127. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a carrier for miniaturized electric circuits and a miniaturized electric circuit on such a carrier.

111128. Ciba Limited. Manufacture of new amines.
111129. Molins Machine Company Limited. Improvements in or relating to embossing devices. (17th June 1966).
111130. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Fiber band spinning device.
111131. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Process and device for cleaning rotating spinning chambers.
111132. J. R. Geigy A.G. Process for the production of acid anthraquinone dyestuffs.  
16th June 1967
111133. Murata Machinery, Ltd. An improved tensioning method and device of two-for-one yarn twistors.
111134. Metal Containers Limited. Metal shipping container in particular a sheet steel drum.
111135. Imperial Chemical Industries Limited. Improvements in copolymer articles. [Divisional date 20th April 1966].
111136. Gillette Industries Limited. Improvements in or relating to razor blades. (16th June 1966).

**Alteration of Dates**

109324. Ante-dated to 7th September 1965 under Section 5 of the Act.
1110870. Ante-dated to 13th September 1965 under Section 5 of the Act.
101421. The claim to priority date 2nd September 1964 has been abandoned and the application dated as of 2nd September 1965, the date of filing in India.

**Application Accepted**

Notice is hereby given that all persons interested in opposing the grant of patent's on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the Office.

The dates shown in crescent brackets are the dates allowed under Section 78A of the Act.

101143. Western Electric Company, Incorporated. Data handling system. (13th October 1964). Accepted on 16th May 1967.

*Comprising a processor arrangement memory system, control arrangement, generation of command signal, transmission arrangement, input output system.*

101370. Satva Deva Swami. Surgical saturating gut of absorbent type from synthetic plastic material. Accepted on 31st May 1967.

*Providing plastic surgical gut of the absorbent type being sufficiently sterilized and possessing sufficient tensile strength on its being cured after heat treatment.*

101396. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to the removing of tetragonal germanium dioxide from germanium bodies. (4th September 1964). Accepted on 1st June 1967.

*Characterised in that the dioxide is reduced with titanium, and the reaction products are removed.*

101407. Clevite Corporation. Dual material flange bearings and method for making same. Accepted on 2nd June 1967.

*Comprising the steps of applying to the steel strip a layer of bearing material, to make barrel out of that and flange area casting white metal bearing.*

101421. The Bushing Company Limited. Improvements relating to high-voltage resin-bonded laminated electrical insulation. Accepted on 2nd June 1967.

*Comprising an assembly of layers of sheet material which incorporates a synthetic resin of the phenoxy class by which the successive layers of the assembly are bonded together.*

101447. Dunlop Rubber Company Limited. Improvements in or relating to tread mould rings for tyres. (25th September 1964). Accepted on 6th June 1967.

*Comprising a plurality of tread mould segments located relative to one another and circumferentially of the ring.*

101457. Vsesojuzny Nauchno-Issledovatel'sky i Proektno-konstruktorsky Institut po Avtomatizirovannomu Elektropivodu v Promyshlennosti. D. C. ward-leonard electric drive with current cut-off. Accepted on 6th June 1967.

*Comprising an excitation winding, shunt exciter armature winding is energised by a current source whose input receives a control signal proportional to the sum of the voltages of the output of the said current source and across the armature of said shunt exciter.*

101475. United States Steel Corporation. Method of making steel strip and the product thereof. Accepted on 7th June 1967.

*Comprising cold reducing rimmed steel, and annealing cold reduced strip to substantially recrystallize the cold reduced core of said strip.*

101504. Owens-Corning Fiberglas Corporation. Glass fiber reinforced elastomers. Accepted on 8th June 1967.

*A glass fiber bundle having a thin size coating on the surfaces of the glass fibres in the bundle and impregnated with a composition consisting essentially of a natural rubber latex and resorcinol formaldehyde resin.*

101513. Director, Indian Institute of Science, Bangalore-12. Phase sequence instrument. Accepted on 9th June 1967.

*Comprising a first and second resistor connected across the first and second terminals of a 3-phase A-C system, a third resistor and a capacitor connected across the second and third terminals of said 3-phase A-C.*

101515. Ishar Das Mahajan & Sons. A method for manufacture of sports balls. Accepted on 9th June 1967.

*Characterized by that on the core are pasted two pieces of leather complementary to each other said pieces being pasted with an adhesive and then with a layer of rubber latex.*

101519. Albright & Wilson (MFG). Limited. Improvements in the production of organotin compounds. (18th September 1964). Accepted on 9th June 1967.

*Comprising reacting metallic tin or an alloy thereof with an aliphatic halide (excepting fluoride) in the presence of an organic oxium compound.*

101553. Shell Internationale Research Maatschappij N. V. Pesticidal compositions. (14th September 1964). Accepted on 13th June 1967.

*Comprising 5-diethoxyphosphinloxy benzofurozan a like and carrier and/or surface active agent.*

101555. The English Electric Company Limited. Fuse Assemblies. (6th October 1964). Accepted on 13th June 1967.

*Comprising an electrically insulated body member, two spaced electrical contact blocks, means for engaging fuse carrier, means for engaging electrical terminal and two connectors.*

101585. Johnson & Johnson. Method of crosslinking polymers. Accepted on 15th June 1967.

*An organic solution of a crosslinkable polymer, containing chemically combined alkoxy silyl alkyl crosslinking groups.*

101593. Sisco Electric Shock Device Private Ltd. An electric shock control device. Accepted on 15th June 1967.  
*An electric shock control device comprising two magnetic coils wound on the same core in opposite relation and an amplifier, near the coils, controlling a circuit having a relay which disconnects the load circuit.*
102117. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Optical brighteners and process for the optical brightening of textile materials. [Addition to No. 88273]. Accepted on 15th June 1967.  
*Comprising reacting 6-amino-indanol(5), 5, 6, 7, 8-tetrahydro-3-amino-naphthol (2) or 5, 6, 7, 8-tetrahydro-2-amino-naphthol (1) with acid chlorides of 2, 3-or 4-cyano cinnamic acid and treating the resulting N-acyl compounds.*
102186. E. I. du Pont de Nemours and Company. Aqueous dispersion for coating compositions and paints formulated therefrom. Accepted on 9th June 1967.  
*Comprises reaction product of carboxylic vinyl addition polymer of 2-20 C-atoms monomeric units in latex form with 10-7% of aziridine compound; dispersion having pH 7-10, and 0.3-10% by weight of non-ionic surfactant.*
102250. General Electric Company. Method for altering the overall configuration of electrical coils wound from a number of conductor turns and arrangements for achieving the same. Accepted on 27th April 1967.  
*Comprising in accommodating a winding in a slot, another winding adjacent to said winding, one preselected current surge is applied to produce interaction and hence said alteration.*
102460. The Anil Starch Products Limited. Method for the preparation of gluco-amylase. Accepted on 10th May 1967.  
*Rhizopus is grown in an aqueous medium containing carbon, nitrogen and inorganic salts culture medium also containing choline and/or lecithin.*
102461. The Anil Starch Products Limited. Improvements in or relating to the preparation of gluco-amylase. Accepted on 10th May 1967.  
*By inoculating 300-1200 spores of Rhizopus per milliliter in an aqueous medium consisting of carbon source, nitrogen source and inorganic salts.*
102627. M. Gaster. Means for controlling the boundary layer over an aerofoil body. (16th December 1964). Accepted on 22nd May 1967.  
*Comprising an air flow attachment line, means positioned along the leading edge, turbulent boundary layer, inclined surface transitional region a laminar boundary layer.*
102850. Dr. R. P. Soonawala and C. B. Garware. An inserter for interuterine contraceptive device. Accepted on 6th June 1967.  
*Comprising a metallic cylinder having fitted at its tip by a removable nut a polythene tube of reduced diameter than the cylinder with a metallic plunger with a flexible end and terminating in a hook.*
102863. Joseph Lucas (Industries) Limited. Alternators. Accepted on 6th June 1967.  
*Including a detachable end cover carrying a voltage regulator for controlling the current flow in the field winding of the alternator, the said regulator being connected to the field winding through detachable and flexible leads.*
102877. Wolfgang Buchholz. Electromagnetic apparatus without armature. Accepted on 7th June 1967.  
*Characterised in that it has the smallest clearance and greatest pitch possible for the poles or pole arms and some of the coils provided on it in conjunction with the main coils control the distribution of potential in the pole faces.*
102895. The Goodyear Tire & Rubber Company. Laminate of reinforcing element having metal surface, and rubber composition suitable therefor. Accepted on 8th June 1967.  
*A laminate of reinforcing element having a metal surface to said surface, the rubber composition containing a methylene donor and having a methylene acceptor.*
102911. J. R. Geigy A. G. Process for the dyeing of polymeric and copolymeric acrylonitrile fibres. Accepted on 9th June 1967.  
*Characterises in that the fibres are impregnated with an optionally thickened aqueous acid solution of basic dyestuff containing water soluble surface active polyglycol ethers of organic hydroxyl, carboxyl, amino or amido compounds or mixtures thereof, impregnation being performed at temperature below the drawing temperature of the dyestuff, and the treated goods then are subjected to a moist heat treatment.*
102912. J. R. Geigy A. G. Process for the dyeing of polymeric and copolymeric acrylonitrile fibres. [Addition to No. 94195]. Accepted on 9th June 1967.  
*The material is impregnated with a solution of basic dyestuff which contains water soluble salts of saturated aliphatic carboxylic acids having 8 to 14 carbon atoms, and surface active, hydrophilic to water-soluble polyglycol ether containing lipophilic radicals and sufficient amount of a water soluble organic acid to make the pH 2 to 4.5.*
102919. Magyar Tudományos Akademia Geodeziai Kutató Laboratorium. Optical plummet with automatic vertical line of sight. Accepted on 9th June 1967.  
*In which a reflecting surface deflecting the line of sight is suspended in front of the telescope objective from a pendulum system which forms a four-joint angle reduction system in the vertical plane passing through the sight axis of the telescope.*
102932. Birfield Engineering Limited. Rotary atomisers for use in spraying equipment. (22nd December 1964). Accepted on 12th June 1967.  
*Provided with turbine blades and is connected to a hub section through a plurality of spokes.*
102967. Stamicarbon N. V. Process and apparatus for preparing urea. Accepted on 13th June 1967.  
*Comprises the synthesis of urea from  $\text{NH}_3$  and  $\text{CO}_2$  (ammonia and carbon dioxide) by the use of heat exchanger comprises bundles of cooling elements.*
102968. Chemische Fabrik Pfersce G.m.b.H. Process of the production of concentrated, aqueous emulsions. Accepted on 13th June 1967.  
*Comprises an intimate mixture of (a) an aqueous solution of mixture of at least one salt of titanium, at least one salt of zirconium and a least one mono carboxylic acid and (b) at least one water soluble substance like waxes, paraffins etc.*
102970. Shell Internationale Research Maatschappij N. V. Shoe component composition. Accepted on 13th June 1967.  
*Shoe component made from a block copolymer comprising polymer of vinyl substituted aromatic hydrocarbon and a polymer of a conjugated diene hydrocarbon.*
102993. United States Steel Corporation. Apparatus for measuring the density of coating vapor. Accepted on 14th June 1967.  
*Apparatus for measuring density of coating vapour to permit control of it, comprising means producing high energy electrons upon contact with vapour produces X-rays whose measurement discloses coating thickness.*

102994. United States Steel Corporation. Roll seal for vacuum strip-treating chamber. Accepted on 14th June 1967.

*Box having slots for the entry and exit of a strip travelling through said box, at least a pair of parallel rolls rotatably mounted within the box for engaging opposite sides of the strip trained about said rolls and defining a circuitous path.*

103019. M. Mengerinhausen. Building toy. Accepted on 15th June 1967.

*Comprising in combination, a relatively small spherical connecting member having a plurality of holes, and hemispherical head means.*

103037. Farbenfabriken Bayer Aktiengesellschaft. Readily dispersible inorganic pigment containing a diester of orthophosphoric acid. (30th September 1965). Accepted on 14th June 1967.

*Contains a diester of orthophosphoric acid as a surface active agent.*

103044. General Dynamics Corporation. Method and apparatus for the recovery by reverse osmosis of a desired product. Accepted on 14th June 1967.

*In the apparatus an envelope being provided having two semi-permeable membranes spaced from each other to define a passageway there between in that means is provided for supplying the aqueous solution to the outside of envelope at a pressure, and means for receiving water from said passageway.*

103047. Eaton Yale & Towne Inc. Differential mechanism. Accepted on 13th June 1967.

*Comprising clutch means movable between a first disengaged position providing for rotation of a driving and a pair of driven members and a second engaged position drivingly connecting the driving and one of the driven member.*

103124. Chemcell (1963) Limited. Synthetic carpet backing. (29th December 1964). Accepted on 13th June 1967.

*Comprises a woven fabric having flat synthetic overfilled warp ends and bulky low twist synthetic spaced filling ends, the warp ends being deformed transversely to the plane of the backing to provide arched mutually engaging catching portions.*

103255. Lindauer Dornier Gesellschaft m.b.H. Weft thread cutting device for shuttleless weaving machines. Accepted on 8th June 1967.

*Characterised by an arm swinging about a shaft the movement of which arm is coupled to the weft thread insertion device and which arm carries at its end two beak-shaped tapered parts of which one is fixed and the other is movable.*

103361. Ing. E. Schroder. Process for the preparation of E-caprolactone. Accepted on 13th June 1967.

*Comprises oxidising cyclohexane with oxygen or oxygen-containing gas in reaction mixture containing acetaldehyde at 30° to 60°C.*

103774. The Dow Chemical Company. A process for suspension polymerization of vinyl monomers. Accepted on 17th June 1967.

*Comprises a process for suspension polymerisation of vinyl monomers characterised in that in an aqueous vinyl monomer suspension are incorporated a thioxotropic paste of an inorganic suspension stabilizing agent and water, a surface active agent, and a protective colloid and to polymerise at pH 5.9.*

103802. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to transistor devices. Accepted on 15th June 1967.

*Characterised in that the collector zone is provided with a first connecting contact connected to the supply source and with a second connecting contact connected to a load.*

103974. Bekay Exports Private Limited. Cartridge belt packs. Accepted on 12th June 1967.

*Comprising a box shaped like parallelopiped and made of tough flexible material having a single or a plurality of flaps for closing the bottom thereof.*

104181. Debron Carpets Limited. Improvements in pile fabrics. (5th March 1965). Accepted on 13th June 1967.

*By accordion folding or pleating a sheet of warp threads or equivalent and applying a backing material to the pleated sheet.*

104202. Stauffer Chemical Company. Herbicidal compositions. Accepted on 17th June 1967.

*Comprising as an active ingredient of  $\alpha$ -naphthoxy acetamide in admixture with a diluent or carrier, the said composition containing from 0.001% to 50% by weight of the active ingredient in presence of water or other organic solvents used as diluent or carrier.*

104291. Imperial Chemical Industries Limited. Process for the separation of an N : N'-dialkyl-4 : 4'-bipyridium salt from an N-alkyl pyridinium salt. (19th March 1965). Accepted on 14th June 1967.

*Comprises extracting the mixture of the solid halide salt with chloroform.*

104292. Imperial Chemical Industries Limited. New water-soluble reactive metal-complex-azo dyestuffs, their preparation and use. (23rd March 1965). Accepted on 14th June 1967.

*Comprises condensing heterocyclic compound with metal complex azo compound and an amine.*

104413. The B. F. Goodrich Company. Carboxyl-terminated polybutadiene. (12th April 1965). Accepted on 9th June 1967.

*Comprises solvent polymerising butadiene monomer using aliphatic azodicarboxylate, solvent employed is tertiary butanol.*

104484. Michael Ladney, Jr. Method of producing a relatively rigid Work piece. Accepted on 13th June 1967.

*Comprising forming a die with a surface having small ridges forming the work piece against the surface of the die, applying to the textured surface of the work piece a base coat applying over the base coat a ground coat, and thereafter applying over the ground coat the desired simulated wood grain pattern of a colour.*

104489. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Self-extinguishing plastic composition and molding of plastic. Accepted on 14th June 1967.

*Comprising styrene polymer and 0.01 to 5% by weight of organic brominated compound and 2, 3-dimethyl-2, 3-diphenyl butane.*

104612. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to acidic electro-plating baths and objects coated therewith. Accepted on 12th June 1967.

*Containing bivalent tin ions, sulphate-sulphonate- or fluoborate as anions and soluble organic compound  $R_1-C-C-R_2$  as brightening agent,  $R_1$*



*being aliphatic, aromatic alicyclic or heterocyclic group and  $R_2$  is hydrogen.*

104672. Hitachi Zosen Kabushiki Kaisha. A process of producing vinyl chloride. Accepted on 9th June 1967.

*Reacting chlorine with ethylene in first reaction tube at 60-150°C and thermally cracking resulting ethylene dichloride in second reaction tubes at pressure of 300-600 mm-Hg.*

104762. Koppers Company, Inc. Heat stable copolymer composition, process for preparing the same and heat stable foam structure made up of said composition. Accepted on 13th June 1967.

*By copolymerising a vinyl aryl monomer with about 0.025 to 0.7% of vinyl aryl monomer of tung oil, and incorporating into said composition 3 to 20% of a copolymer of a blowing agent.*

104871. Pickers Limited. New swell. Accepted on 9th June 1967.  
*Comprises of an ablong braking piece made of wood encased in a correspondingly shaped metal strip frame, stop members at either side of the said frame for limiting movement of the said piece.*
104910. W. J. Clarkson Limited. Improvements in the threading of sewing machine needles. Accepted on 13th June 1967.  
*Comprising a threader element, carrier means for said element first location means, second location means, and means for moving the threader element and both location means in relation to the needle eye.*
104990. S. Shapiro. Bedspread. Accepted on 9th June 1967.  
*Including a substantially planar body member adapted to be draped over a bed said body having a design positionally inscribed thereupon of a normally three dimensional object.*
105024. Montecatini Società Generale Per L'Industria Mineraria E Chimica. Method to improve the characteristics of thiophosphoric esters. Accepted on 13th June 1967.  
*Characterises in that the ester as such or dissolved in solvents are treated with absorbing means of prevalingly polar nature and then subjected to distillation.*
105135. E. G. D. Rodrigues and Chantiers Navals De La Ciotat. Improvements in or relating to containers and the like. Accepted on 12th June 1967.  
*Consists of a combination of lobes, made for example of steel sheet and constituted by portions of cylinder, of frustrums of cones or of annulus, the directrix of which is a curve such as, an arc of a circle of an ellipse, of basket handle, or even an assembly of lobes having the general shape of spherical lunes on same sphere.*
105187. U. Mahapatra and R. Menon. Improvements in or relating to ingot mould. Accepted on 14th June 1967.  
*Provided with a sleeve inside the mould, said sleeve constituting the working part in the mould and having thickness less than that of the parent mould.*
105392. J. Goddard & Sons Limited. Preparations for cleaning copper. (3rd June 1965). Accepted on 13th June 1967.  
*Comprises, 1, 2, 3-benzotriazole and an abrasive powder.*
105492. Dynamit Nobel Aktiengesellschaft. Improvements in or relating to after-chlorinated polyvinyl chloride. Accepted on 13th June 1967.  
*Comprises in reacting chlorine with P.V.C. in such a way that a portion of P.V.C. is reacted with the chlorine for a period of time which is different from that for which another portion is reacted, to produce after chlorinated P.V.C. of different chlorine content.*
105511. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Herbicidal compositions. Accepted on 13th June 1967.  
*Describes a herbicidal composition containing as the active ingredient, the compound  $R^1 N.R^2$  Co.  $N(CH_3) CH_2-O-CH_3$  in which  $R^1$ =cycloaliphatic, bicycloaliphatic, tricycloaliphatic, phenyl, alkyl substituted phenyl, fluoro, bromo, alkoxy, trifluoromethyl, halophenoxy and  $R^2$ =H or methyl.*
105696. The Svadeshi Mills Company Limited. Process for the production of crinkle-finished textile fabrics. Accepted on 15th June 1967.  
*Subjecting the fabric to stabilisation by means of heat so as to render polyester cotton blended yarn dimensionally stable and thereafter subjecting the fabric to a shrinking process whereby cotton warp yarn shrink and in so shrinking exerts a pull on the stabilised polyester cotton yarn causing the latter to pucker and crinkle.*
105713. Jiban Gopal Ghosal. Process for the manufacture of high alumina cements for refractory purposes. Accepted on 14th June 1967.  
*Comprising mixing aluminium tri-halide, fine grained Cao base minerals  $Fe_2O_3$  and  $SiO_2$ , wet grinding the above ingredients with water inslurry form, shaping or moulding the mass into desired shapes, drying and firing the shaped articles and finally fine grinding the fired articles with the addition of setting aids.*
105742. Cheney Bigelow Wire Works Inc. Woven wire cloth for fourdrinier machines. Accepted on 15th June 1967.  
*Comprising warp wires having a hard core made of a material having a modulus of elasticity of  $25 \times 10^6$  p.s.i. and outer metal coating of said hard core made of a material having a modulus of elasticity not exceeding  $20 \times 10^6$ .*
105787. A di Settembrini. Apparatus for filling containers of light-weight, flexible of soft material with a liquid product. Accepted on 15th June 1967.  
*The apparatus is characterised by a positioning device comprising first and second screens movable across a belt in order to stop the containers on the conveyor.*
105857. Nippon Rayon Company Limited (Nippon Rayon Kabushiki Kaisha). Process of producing improved regenerated fibres from viscose. Accepted on 9th June 1967.  
*Extending viscose in spinning bath solution having 0.5-3.0% acid concentration at 10-35°C to obtain extruded fibre with gamma-value of 20-40.*
106020. Farbenfabriken Bayer Aktiengesellschaft. Thermoplastic moulding compositions. (21st April 1966). Accepted on 14th June 1967.  
*Comprising (A) 5-70% by weight of graft polymer of (a) 15-75% vinyl chloride on (b) 85-25% ethylene/vinyl acetate copolymer, and (B) 95-30% polymer of vinyl compound of styrene.*
106093. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Self-extinguishing thermoplastic compositions. Accepted on 15th June 1967.  
*Consisting of (a) solid thermoplastic styrene polymer (b) organic bromide with 40% by weight of bromide as atoms attached to carbon atoms to constitute 0.1-5% by weight of bromine content, and (c) 0.01-5% by weight styrene polymer of polymer of  $C_1, R_1, R_2, R_3, R_4, R_5, R^1, R^2, R^3, R^4, R^5$ , being hydrogen halogen or aliphatic radicals with 1-4 Carbon atoms at least*  

$$\begin{matrix} R^1 \\ | \\ \text{two being } -\text{CH} \\ | \\ R^2 \end{matrix}$$
*two being  $-\text{CH}$   $R^2$  being linear aliphatic  $R^3$*   

$$\begin{matrix} R^3 \\ | \\ R^4 \end{matrix}$$
*hydrogen on linear aliphatic radicals and  $R^5$  and  $R^6$  being hydrogen or halogen.*
106094. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of expanded plastics mouldings. Accepted on 15th June 1967.  
*Comprises heating pre-expanded particulate styrene polymer having volatile organic compound insoluble in same with B. P. below softening point of polymer as foaming agent in mold not gas light, polymer being coated during or after pre-expansion with 0.1-5% by weight with organic compound insoluble or not swelling to polymer and has B. P. of above 95°C a softening point below 120°C.*
106274. Japan Exlan Company Limited. Method of manufacturing acrylic composite yarn. Accepted on 13th June 1967.  
*Characterises in two or more acrylic polymer components with different thermal behaviors are arranged eccentrically along the entire length and then spinned, stretched, crimped and then spinned, stretched crimped and finally heat treated after adjusting the moisture content to 50-120 percent.*

106309. Dr. C. Otto & Comp. G.m.b.H. A method for producing a gas rich in hydrogen and carbon monoxide from coke-oven gases. Accepted on 9th June 1967.

*Characterised in gases are compressed from 3 to 10 ata, catalytically hydrogenated at 300° to 500°C, catalytically reacted on addition of water vapor and oxygen at 600-1200°C.*

106395. Calmec (Manufacturing) Limited. Improvements in apparatus for moulding articles from plastics material. (29th July 1965). Accepted on 16th June 1967.

*Forming articles from plastic material comprising tool mounted on path for material, driving hot material along path, causing tool to effect forming operation, advancing tool at a rate same as material.*

106404. James Howden & Company Limited. Improvements in or relating to thermocouples. (18th August 1965). Accepted on 14th June 1967.

*Having two dissimilar electrical conductors which, at and adjacent the hot junction on each side thereof, are thinned and laterally spread to form an element across which said hot junction extends.*

106550. J. M. Huber Corporation. Process for improving the brightness of clays. Accepted on 17th June 1967.

*Comprises subjecting a dispersed kaolin clay water slurry of up to 40% solids to a high intensity magnetic field for 30 seconds.*

106980. Libbey-Owens-Ford Glass Company. Apparatus for bending glass sheets. Accepted on 15th June 1967.

*One mold part is formed with passageways formed therein, and means is provided for circulating a cooling fluid through said passageways.*

107181. Jervis B. Webb Company. Releasing pusher for pusher conveyors. Accepted on 15th June 1967.

*Pusher comprising a pusher arm, means pivotally securing the pusher arm to the propelling member adjacent the leading end of the pusher arm with reference to the forward direction of travel of the propelling member, dog engaging means on the pusher arm, a releasing cam portion and means for biasing the pusher arm.*

107208. Hitachi Ltd. Speed controlling system for induction motor. Accepted on 15th June 1967.

*Comprising a high speed and a low speed A.C. driven induction motor being coupled directly to each other a magnetic amplifier, and circuit arrangements for controlling excitation.*

107217. Brown, Voveri & Company Limited. Device for the auxiliary manual actuation of a motor-driven stepping switch. Accepted on 15th June 1967.

*Drive shaft of the stepping switch is coupled by means of a differential gear with the self-locking drive motor and also, by means of a self-locking worm gear, with a crank.*

107327. American Flange & Manufacturing Co., Inc. Method and apparatus for orienting and feeding articles. Accepted on 7th June 1967.

*Feeding bulky radially unsymmetrical articles past a series of orienting stations spaced along the helical path of a vibratory bowl and discharging the parts from the bowl in a plane extending at an angle to vertical axis.*

107639. Hitachi, Ltd. Switching device for on-load tap changer. Accepted on 15th June 1967.

*A switching device for on load tap changer comprising a drive shaft extending through an insulating cylinder carrying a group of fixed contact and being divided into plurality of sections so that each insulating cylinder section can be removed from said insulating cylinder individually.*

108292. J. Fennell. Magnetic display apparatus. Accepted on 9th June 1967.

*Comprising a plate of magnetically sensitive material the article to be exhibited having a cavity for a magnet and/or held in position by magnetic attraction.*

108382. Westinghouse Electric Corporation. Lightning arrester moisture detector. Accepted on 12th June 1967.

*Comprising an insulating housing, a humidity detector probe, and means for electrically connecting the probe to indicating means.*

108599. R. Metivier. Improvements in or relating to generators of periodic fluid signals. Accepted on 9th June 1967.

*Comprises a plurality of pneumatically controlled valves having each an inlet, an outlet and a control inlet, each valve being closed or open according as a fluid signal is respectively applied or not to the control inlet of the valve.*

109324. Imperial Chemical Industries Limited. Process for the manufacture of pyridines. (3rd June 1965). [Divisional date 7th September 1965]. Accepted on 7th June 1967.

*Comprising reacting glutaraldehyde, a substituted glutaraldehyde or a precursor thereof with ammonium ions in liquid phase in the presence of molecular oxygen.*

110870. Shell Internationale Research Maatschappij N. V. Pesticidal compositions. [Addition to No. 1015531. [Divisional date 13th September 1965]. Accepted on 13th June 1967.

*Comprising 4-dimethoxyphosphinothioxyloxy-7-Chlorobenzofuran a like and carrier and/or surface active agent.*

#### Opposition Proceedings

An opposition has been entered by Orissa Cement Limited to the grant of a patent on application No. 98766, made by Didier-Werke A. G.

#### Patents Sealed

94508. 97191. 97753. 98294. 98648. 98738. 98852. 98882. 98885. 98925. 98936. 99023. 99250. 99422. 99486. 99607. 99642. 99660. 99699. 99748. 99757. 99775. 99786. 99819. 99825. 99856. 99875. 99878. 99880. 99885. 99892. 99895. 99901. 99903. 99905. 99912. 99914. 99917. 99928. 99932. 99936. 99939. 99951. 99952. 99953. 99957. 99963. 99969. 99970. 99985. 99986. 99996. 100046. 100083. 100090. 100105. 100206. 100222. 100235. 100294. 100295. 100556. 100760. 100894. 101001. 101127. 101179. 101349. 101408. 101956.

#### APPLICATION FOR COMPULSORY LICENCE SECTION 22

Notice is hereby given that an application under Section 22 of the Indian Patents and Designs Act, 1911 has been filed on 8th May, 1967 by Jitendra Pershad Agarwal 5 Massent Road Sewri, Bombay-15, in respect of Patent No. 48692 for an invention entitled "Filter, especially for piped wells". The applicants have been directed to serve copies of the application and the evidence filed in support thereof upon the patentees and any other persons appearing from the Register of Patents to be interested in Patent. Any person desirous of opposing the said application shall, within two months from the date of the service of a copy of the application upon him give notice of opposition on Form 11C of the Indian Patents and Designs Rules, 1933 setting out fully the grounds on which the application is opposed. Copies of the notice and statement of evidence, shall within the same time be delivered to the applicant Shri Jitendra Pershad Agarwal, C/o. M/s. Acme Company, Patent & Trade Mark Attorneys, Chandni Chowk, Delhi-6.

#### Renewal Fees Paid

47822. 48749. 49749. 49883. 49884. 49885. 49892. 49921. 49936. 52210. 52288. 52347. 52384. 52392. 52395. 52414. 52440. 52472. 52986. 54898. 54925. 55049. 56664. 57255. 57520. 57806. 57836. 57880. 57881. 57922. 57956. 57977. 57981. 57985. 57987. 57988. 58011. 58093. 58097. 58098.

58134, 58190, 58365, 58366, 58803, 60781, 60782, 60783.  
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 68255, 68268, 68329, 68369, 68374, 68385, 68387, 68390.  
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 76950, 76970, 77067, 77161, 77293, 77307, 77342, 77443.  
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 77747, 77773, 77804, 77805, 77830, 77831, 77870, 77871.  
 73983, 78106, 78107, 78108, 78109, 78163, 78201, 78205.  
 78443, 78561, 78618, 80443, 80597, 82678, 82769, 82791.  
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 88199, 88223, 88232, 88334, 88366, 88367, 88411, 88413.  
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 89607, 89663, 89665, 89753, 89866, 90045, 90884, 91158.  
 92857, 93026, 93331, 93729, 94134, 94217, 94351, 94746.  
 94960, 95101, 95152, 95259, 95360, 96530.

#### Cessation of Patents

56753, 59313.

#### Restoration Proceedings

##### (1)

An order has been made on the 6th May 1967, restoring the Patent No. 57012, dated as of the 9th April 1956 granted to Dalmia Cement (Bharat) Limited for "improvements in or relating to refractory and heat insulating bricks, blocks and the like".

##### (2)

An order has been made on the 20th April 1967, restoring the Patent No. 70531, dated as of the 1st January 1960, granted to Purnan Chand Sawhney for "improvements relating to heat exchangers".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 130224. Ram Swarnup Ganeriwala, Indian. 16, Radhanath Chowdhry Road, Calcutta-15, West Bengal, India. "Clamp for holding elastic band to framework of bedsteads and settees", January 27, 1967.

Class 1. Nos. 130611 to 130613. Elegant Industries Private Limited (A Company registered under the Indian Companies Act), Udyog Bhavan, 250-D, Worli, Bombay-18 (Maharashtra). "Brecelet", March 27, 1967.

Class 1. Nos. 130614 to 130617. Elegant Industries Private Limited (A Company registered under the Indian Companies Act), Udyog Bhavan, 250-D, Worli, Bombay-18 (Maharashtra). "Pendant", March 27, 1967.

Class 1. Nos. 130618 to 130623. Elegant Industries Private Limited (A Company registered under the Indian Companies Act), Udyog Bhavan, 250-D, Worli, Bombay-18 (Maharashtra). "Ear-top", March 27, 1967.

Class 1. No. 130724. Alembic Chemical Works Company Limited, an Indian Company, Incorporated in India, City of Baroda State of Gujarat, India. "Wall thermometers", April 22, 1967.

Class 3. No. 129821. Prem Pal Malhotra, An Indian Subject, C/o. Agricultural Implements & Brass Utensils, Jagadhri, District Ambala, Haryana State. "A toy", November 29, 1966.

Class 3. No. 130746. Aspi Rustomji Balsara, C/o. Balsara & Company Private Limited, 43, Meadows Street, Fort, Bombay-1, State of Maharashtra, India, an Indian National. "A stool" April 27, 1967.

Class 5. No. 129816. Metro Playing Card Company, Metro Estate, Central Salsette Track Road, Kalina, Bombay-29, Maharashtra, an Indian Partnership concern. "Playing cards", November 24, 1966.

Class 13. Nos. 130677 to 130679, 130681, 130682, 130684, 130686, 130687 and 130688. The Sassoon Spg. & Wvg. Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", April 10, 1967.

Class 13. Nos. 130813 to 130821. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6 Balford Road, Bombay-1, Indian Company. "Textile piecegoods", May 11, 1967.

Class 14. Nos. 130187 and 130204. The Sassoon Spg. & Wvg. Co., Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", January 20, 1967.

#### Copyright Extended for a second period of Five Years

Design Nos. 116273, 116274, 115993, 113769, 114163, 114164, 113480, 114279. Class 1.

Design Nos. 113848, 113740, 115629, 113842, 128748, 128749, 114243, 127883. Class 3.

Design Nos. 113397, 113398 and 113768. Class 4.

Design Nos. 112326, 112327 and 116770. Class 5.

#### Copyright Extended for a third period of Five Years

Design Nos. 113393, 128748 and 128749. Class 3.

Design No. 91484. Class 4.

Design Nos. 112326 and 112327. Class 5.

A. JOGARAO,

Controller General of Patents,  
 Designs and Trade Marks.